

NOSE RAIL SECTION
(SEE "NOSE RAIL SECTION(S)" DETAILS & NOTE NO. 3)

* a NOSE CABLES

* c M1 (NOSE RAIL RADIUS)

(1) NOSE CABLE ANCHOR CLIP (BACKSIDE OF SPLICE)

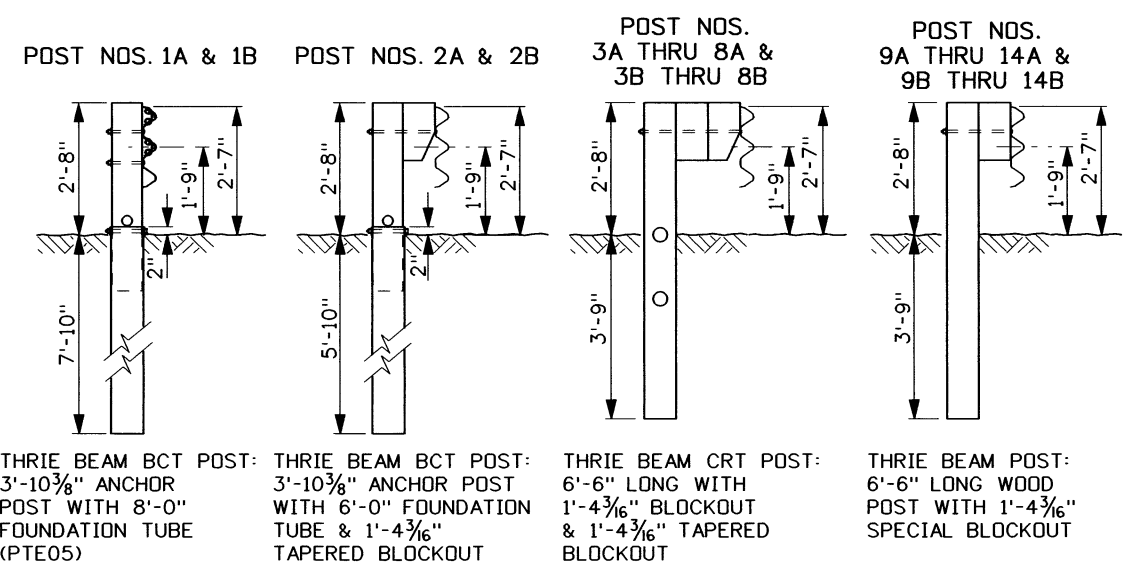
* c M2 (2ND RAIL RADIUS)

- SUB-NOTES**
- * a 5/8" DIA. (6 x 25) WIRE ROPE (CABLES) WITH SWAGE-GRIP BUTTON FERRULES)
 - * b (6) 1/4" DIA. U-BOLTS FOR (3) NOSE CABLE ANCHOR CLIPS SPACED AROUND INSIDE OF NOSE TO HOLD CABLES AT BACKSIDE OF THE RAIL.
 - * c SEE "BULLNOSE DIMENSION TABLE" ON PAGE 3 OF 3.
 - * d THRIE BEAM TO W-BEAM SYMMETRICAL TRANSITION ELEMENT (SEE STD. DWG. G-1-A-5).
 - * e SEE STD. DWG. G-1-E FOR TRANSITION ELEMENT CENTER BLOCKOUT DETAILS
 - * f INSTALL NORMAL W-BEAM GUARDRAIL OR APPROPRIATE TERMINAL.

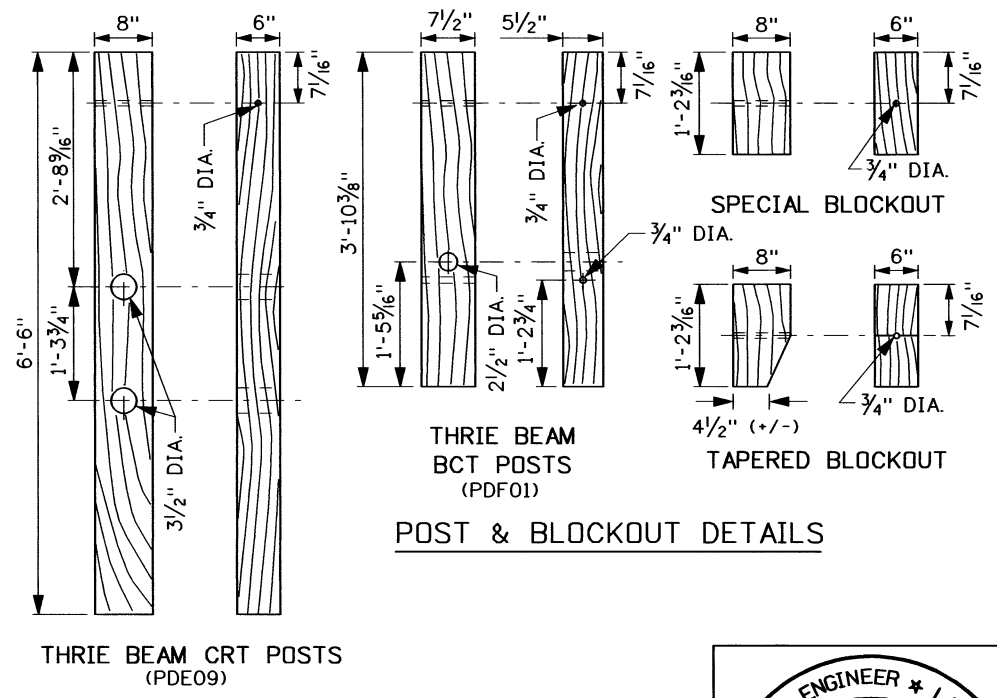
NOTES

- ALL GUARDRAIL AND ACCESSORIES SHALL CONFORM TO STANDARD DRAWINGS G-1-A-1 THROUGH G-1-A-5 FOR INSTALLATION DETAILS OF GUARDRAIL, GUARDRAIL POSTS, BLOCKOUTS, POST SPACING, AND GUARDRAIL BOLTING HARDWARE.
- THE USE OF STEEL POSTS ON THE GUARDRAIL TERMINAL TYPE 6 (BULLNOSE GUARDRAIL SYSTEM) ARE NOT ALLOWED.
- THE NOSE RAIL SECTION AND 2ND RAIL SECTIONS SHALL BE SLOTTED AND SHOP BENT. THE THIRD RAIL SECTIONS SHALL BE SLOTTED AND UN-BENT. THE SUBSEQUENT RAIL SECTIONS SHALL BE NORMAL THRIE BEAM (SEE RAIL SECTION DETAILS).
- THE SLACK IN THE NOSE CABLES SHALL BE EVENLY DISTRIBUTED BETWEEN THE CABLE CLIP FASTENERS AND POSTS NO. 1A & 1B.
- THE OUTSIDE NUTS ON EACH END OF THE ANCHOR CABLE SHALL BE TORQUED TO A MINIMUM OF 100 FT. - LBS. AGAINST THE INSIDE NUTS.
- NOT TO SCALE.

TYPICAL BULLNOSE LAYOUT



POST TYPE DETAILS



POST & BLOCKOUT DETAILS

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	6-02	MSM					
2	10-03	MSM					
3	12-04	MSM					
4	5-06	MSM					

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
g1g_0506.std

DRAWING ORIG. DATE:
NOVEMBER, 2001

**IDAHO
TRANSPORTATION
DEPARTMENT**

BOISE IDAHO

Robert Thomas
ASSISTANT CHIEF ENGINEER (DEVELOPMENT)

Steven C. Hutchinson
CHIEF ENGINEER

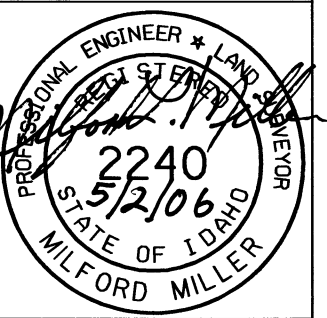
STANDARD DRAWING
**GUARDRAIL TERMINAL TYPE 6
OPTIONS 1, 2, & 3
(BULLNOSE GUARDRAIL SYSTEM)**

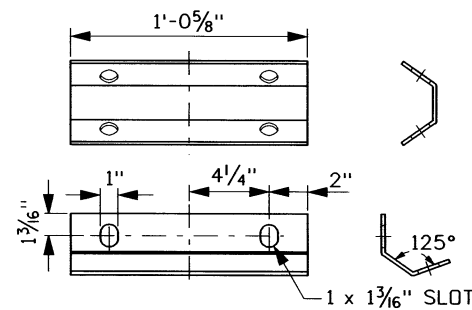
REQUIRES SHEETS 2 OF 3 & 3 OF 3
& STD. DWGS. G-1-A-1 THRU G-1-A-5

English

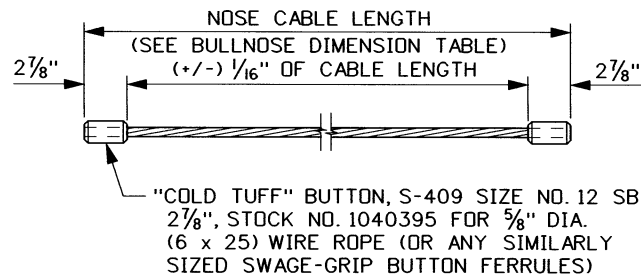
STANDARD DRWG. NO.
G-1-G

SHEET 1 OF 3

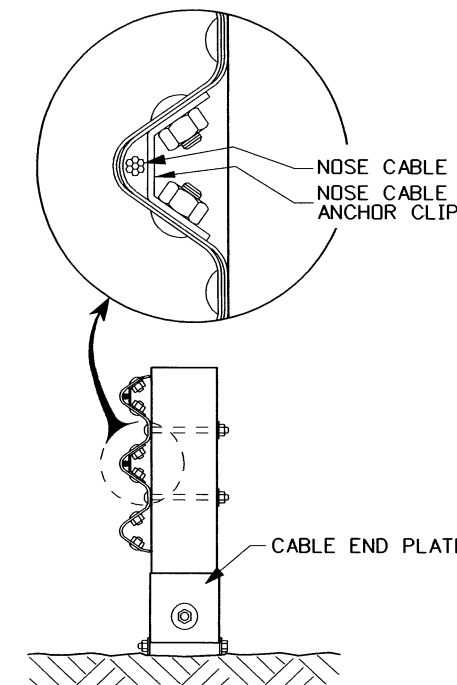




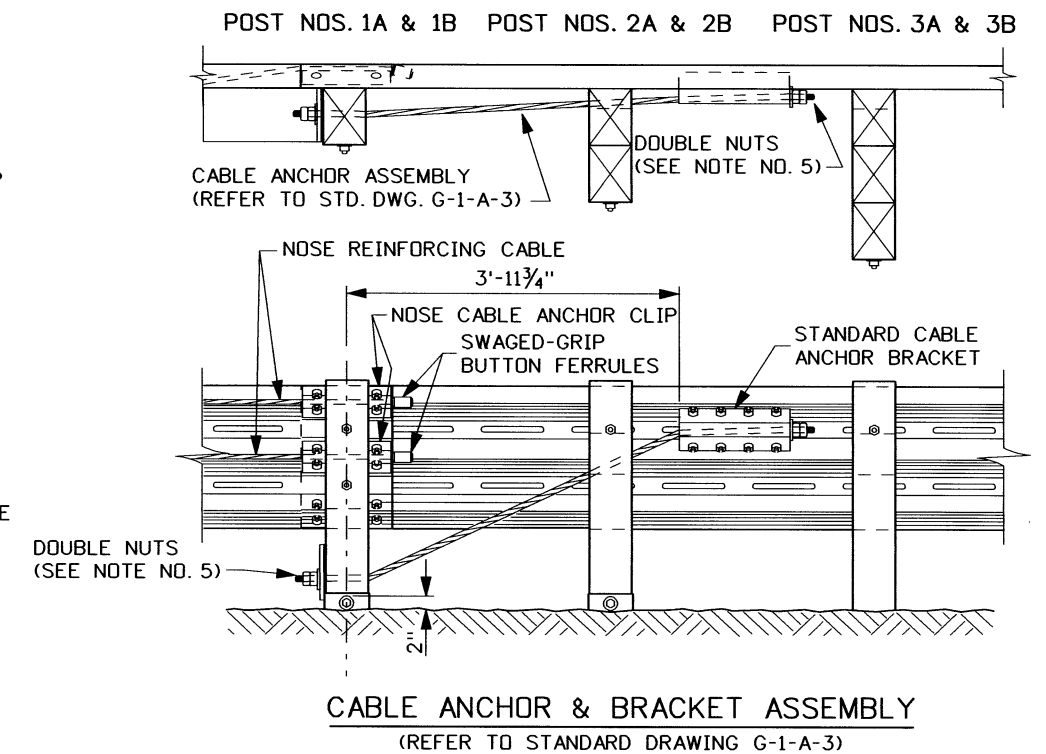
NOSE CABLE ANCHOR CLIP
(1'-0 5/8" x 6" x 1/4" STEEL PLATE (A 306))



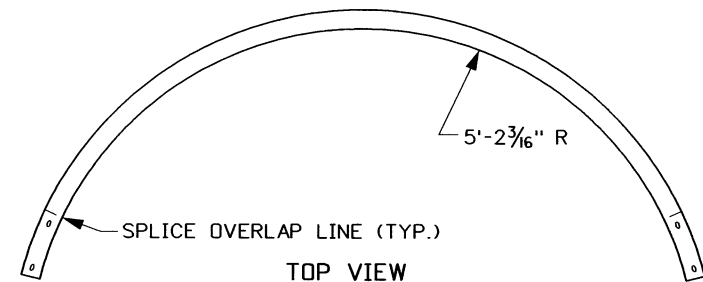
NOSE CABLE



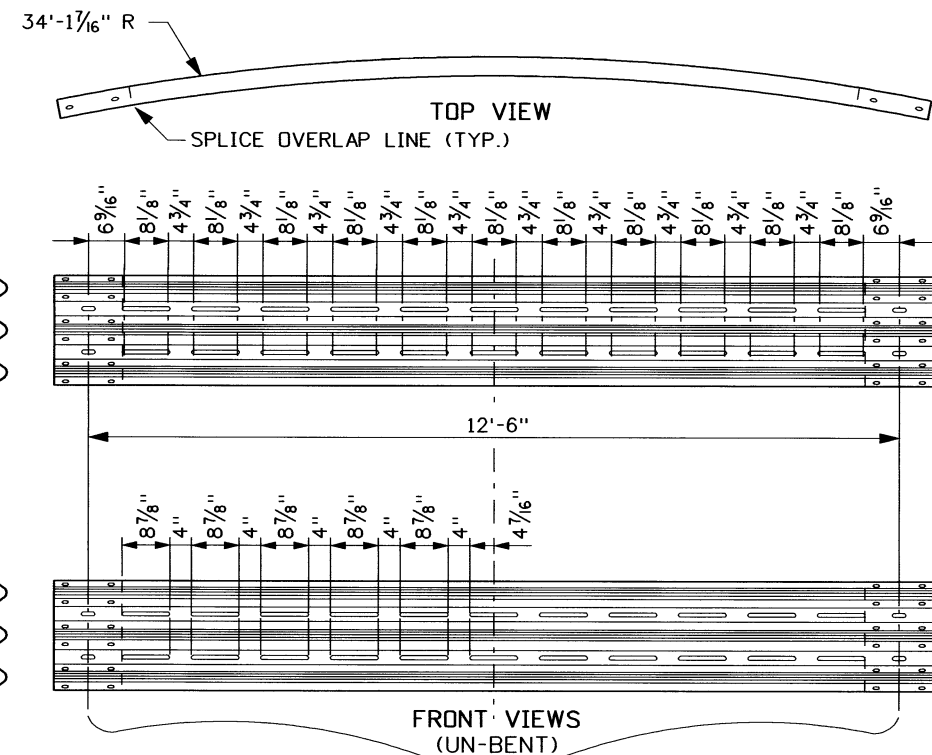
NOSE CABLE ASSEMBLY



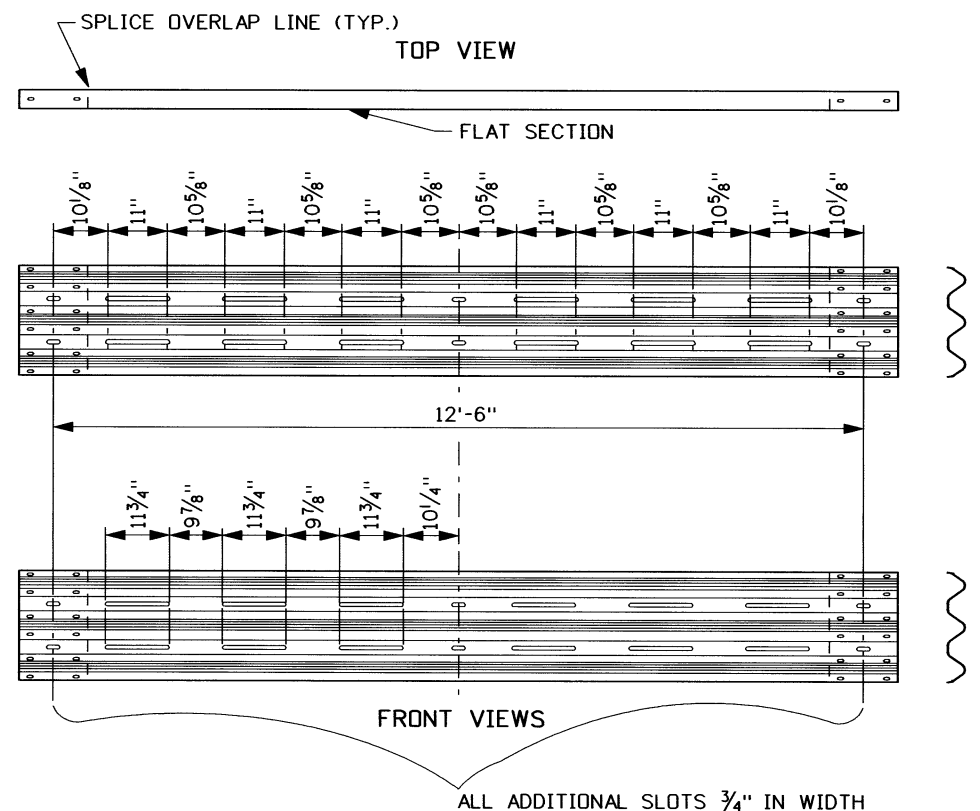
CABLE ANCHOR & BRACKET ASSEMBLY
(REFER TO STANDARD DRAWING G-1-A-3)



NOSE RAIL SECTION - OPTION 1



2ND RAIL SECTIONS - OPTIONS 1, 2, & 3



3RD RAIL SECTIONS - OPTIONS 1, 2, & 3

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
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3	12-04	MSM					
4	5-06	MSM					

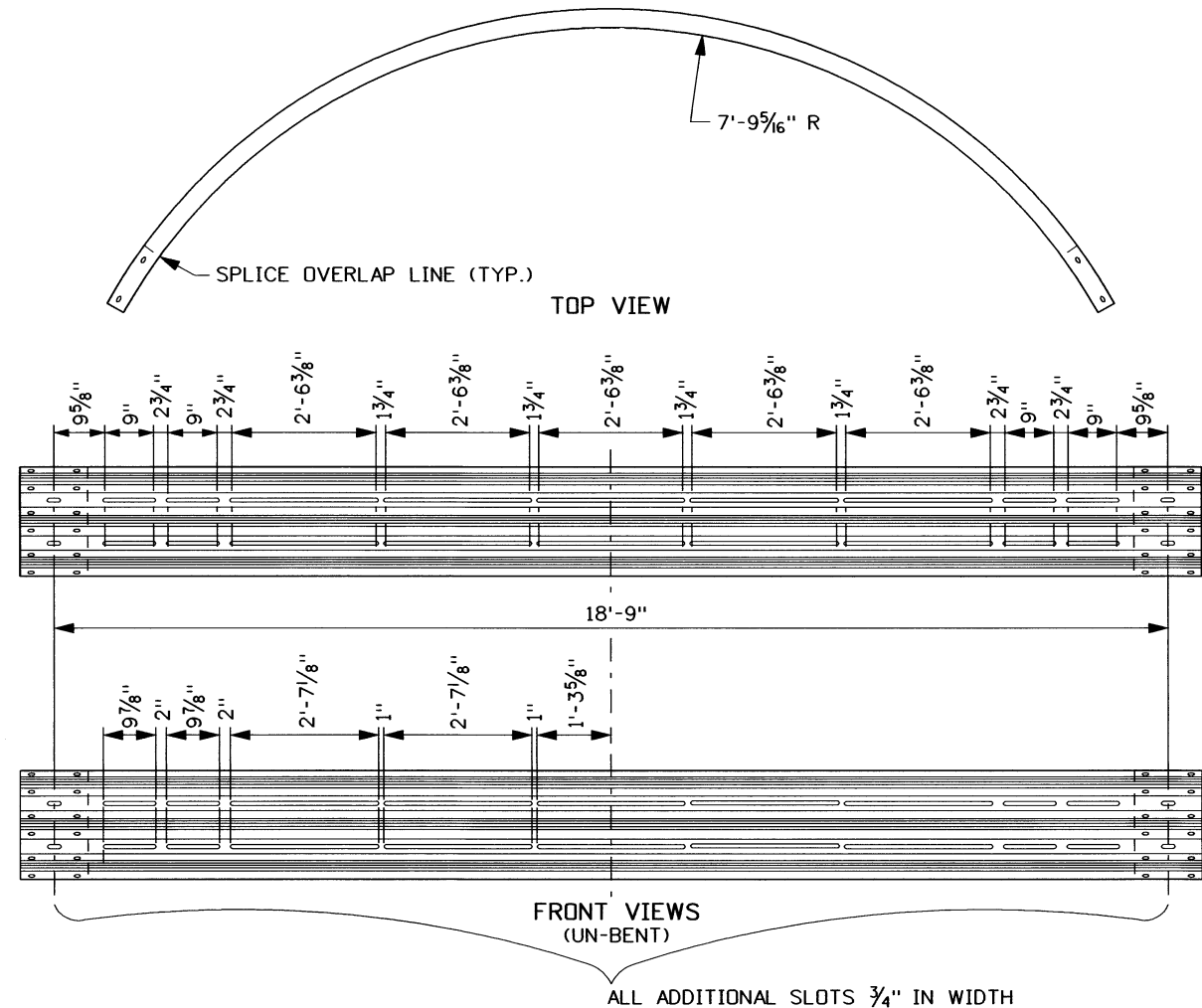
IDAHO TRANSPORTATION DEPARTMENT
 BOISE IDAHO

Assistant Chief Engineer (Development)
 Chief Engineer

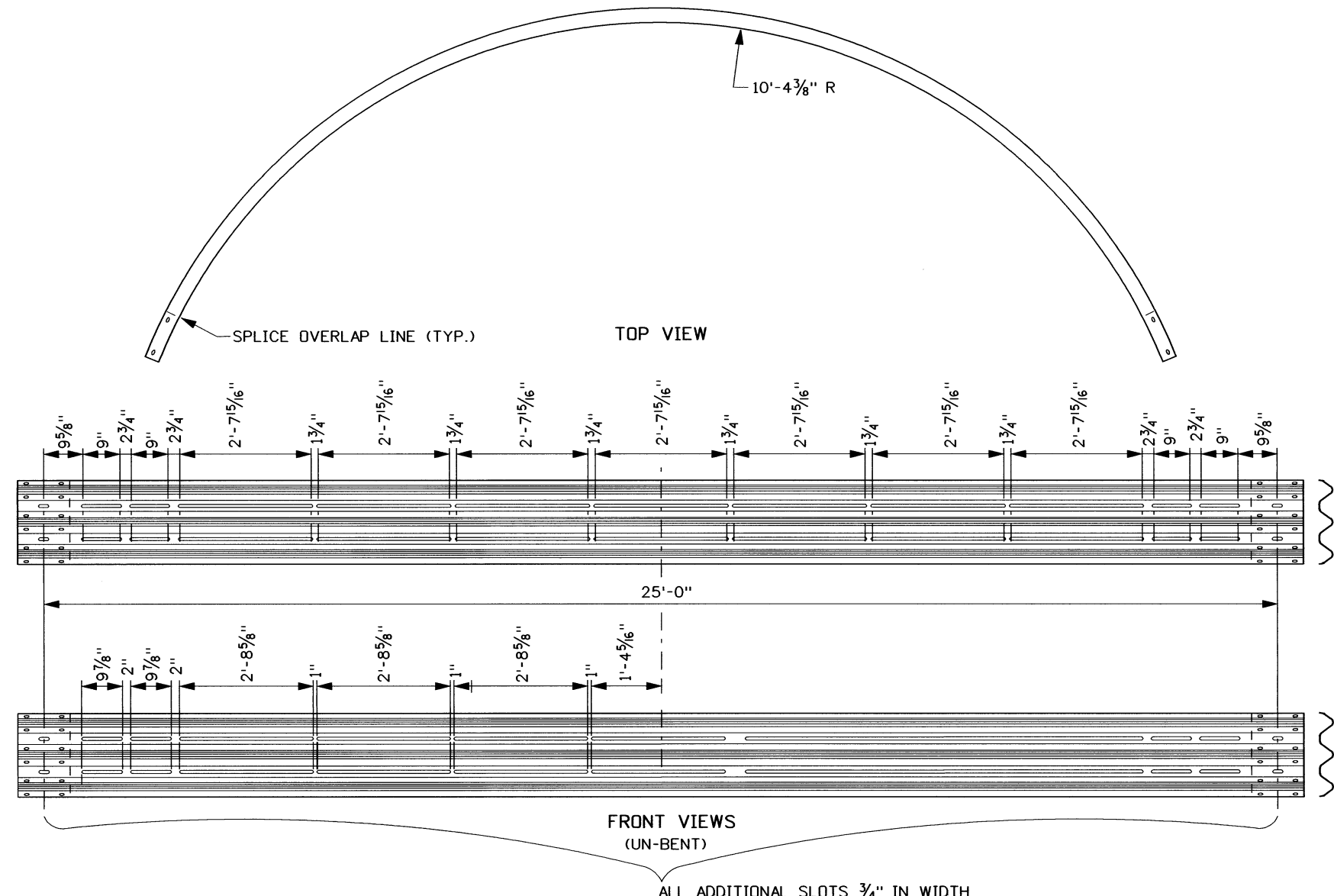
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GUARDRAIL TERMINAL TYPE 6
OPTIONS 1, 2, & 3
(BULLNOSE GUARDRAIL SYSTEM)
 REQUIRES SHEETS 1 OF 3 & 3 OF 3
 & STD. DWGS. G-1-A-1 THRU G-1-A-5

English
 STANDARD DRWG. NO.
G-1-G
 SHEET 2 OF 3

PROFESSIONAL ENGINEER * LAND SURVEYOR
 REGISTERED
 2240
 5/2/06
 STATE OF IDAHO
 MILFORD MILLER



NOSE RAIL SECTION - OPTION 2



NOSE RAIL SECTION - OPTION 3

BULLNOSE DIMENSION TABLE												
BULLNOSE DESIGN OPTION	IN INCHES											
	INTERIOR DIMENSIONS						EXTERIOR DIMENSIONS				NOSE RAIL RADII	
	1AB	2AB	3AB	4AB	5AB	W	R	S	T	M1	M2	NOSE CABLE
OPTION 1	9'-8	11'-8	13'-1	13'-11	14'-2 1/2	14'-9 1/8	30'-11 3/4	3'-7 1/4	12'-2 3/4	5'-2 3/16	34'-1 1/16	14'-4 3/4
OPTION 2	14'-6 3/8	16'-6	17'-11	18'-9 1/8	19'-0 5/8	19'-0 5/8	30'-11 3/4	5'-3 1/4	12'-2 3/4	7'-9 5/16	34'-1 1/16	20'-9 5/8
OPTION 3	19'-4 3/8	21'-4	22'-9	23'-7	23'-10 3/4	23'-10 3/4	30'-11 3/4	6'-11 1/4	12'-2 3/4	10'-4 3/8	34'-1 1/16	27'-8 3/8


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G-1-G
SHEET 3 OF 3

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